

XP-002194023

JP 10-25666  
1/27/98

X

AN - 1998-154354 [14]  
AP - JP19960202852 19960711  
CPY - DUPO  
DC - A12 A21 A25 A87 E13 F06  
FS - CPI  
IC - D06M15/39 ; D06M15/55 ; D06M15/564 ; D06M15/693  
MC - A05-F05 A08-M01 A08-R08A A12-S08C A12-T01C E07-A03B E07-D13B E10-A20B  
F01-D03B F01-H03B F03-D F04-E F04-E01 F04-E07  
M3 - [01] G013 G019 G100 K0 L3 L340 L399 M1 M121 M132 M150 M280 M311 M312  
M321 M322 M332 M342 M373 M392 M414 M510 M520 M532 M540 M782 M903 M904  
Q020 Q130 Q323 R023; 9814-C9301-M  
- [02] F000 F580 M280 M320 M413 M510 M521 M530 M540 M782 M903 M904 Q020  
Q130 Q323 R023; 00212; R20774-M  
PA - (DUPO) DU PONT TORAY CO LTD  
PN - JP10025666 A 19980127 DW199814 D06M15/693 006pp  
PR - JP19960202852 19960711  
XA - C1998-050032  
XIC - D06M-015/39 ; D06M-015/55 ; D06M-015/564 ; D06M-015/693  
AB - J10025666 The fibre (PF) comprises a raw aromatic polyamide fibre (RF)  
and a mixed compsn. (MC) made to adhere onto surface of (RF). (MC) is  
composed of 100 pts.wt. of a mixture (A) of 100 pts.wt. of rubber  
latex (RL) and 2-10 pts.wt. of resorcinol-formaldehyde initial  
condensate, 10-20 pts.wt. of an epoxy cpd. (B), 5-15 pts.wt. of a  
triazine cpd. (C), and 20- 40 pts.wt. of a blocked polyisocyanate cpd.  
(D), ethylene-imine cpd. (E) or reactant (F) of polyisocyanate and  
ethylene-imine.  
- USE - (PF) is used for reinforcing rubber material to produce, e.g.  
tire, conveyor belt, V-belt, hose, etc..  
- ADVANTAGE - (PF) can give a strong adhering power with rubber, and  
produced in one bath treating.  
- (Dwg.0/0)  
CN - 9814-C9301-M R20774-M  
IW - AROMATIC POLYAMIDE FIBRE REINFORCED RUBBER PREPARATION RAW AROMATIC  
POLYAMIDE FIBRE MIX COMPOSITION COMPOSE RUBBER LATEX RESORCINOL  
FORMALDEHYDE INITIAL CONDENSATE EPOXY COMPOUND TRIAZINE COMPOUND BLOCK  
POLY ISOCYANATE COMPOUND ETHYLENE IMINE COMPOUND  
IKW - AROMATIC POLYAMIDE FIBRE REINFORCED RUBBER PREPARATION RAW AROMATIC  
POLYAMIDE FIBRE MIX COMPOSITION COMPOSE RUBBER LATEX RESORCINOL  
FORMALDEHYDE INITIAL CONDENSATE EPOXY COMPOUND TRIAZINE COMPOUND BLOCK  
POLY ISOCYANATE COMPOUND ETHYLENE IMINE COMPOUND  
NC - 001  
OPD - 1996-07-11  
ORD - 1998-01-27  
PAW - (DUPO) DU PONT TORAY CO LTD  
RRL - 00212  
TI - Aromatic polyamide fibre for reinforcing rubber, prepn. - raw aromatic  
polyamide fibre and a mixed compsn. composed of rubber latex,  
resorcinol-formaldehyde initial condensate, an epoxy cpd., triazine  
cpd., blocked polyisocyanate cpd., and ethylene-imine cpd., etc.  
A01 - [001] 018 ; D18-R ; P0635-R F70 D01 ; H0293 ; S9999 S1070-R ;  
A9999 A7R2 ; A9999 A419 ;

$\frac{10}{120} = 8.3\% \text{ min}$   
 $\frac{20}{122} = 16.4\% \text{ max}$   
~~40/122~~  
~~122~~  
8/122

rubber: RF  
100: 2-10

- [002] 018 ; G0613-R G0022 D01 D12 D10 D23 D22 D31 D41 D51 D53 D58 D76  
N- 5A ; R00708 G0102 G0022 D01 D02 D12 D10 D19 D18 D31 D51 D53 D58  
D76 D88 ; R00806 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D84 ;  
H0124-R ; S9999 S1025 S1014 ; H0033 H0011 ; P0328 ; P1741 ;

A02 - [001] 018 ; H0124-R ; S9999 S1661 ;

- [002] 018 ; ND00 ; K9892 ; Q9999 Q9256-R Q9212 ; Q9999 Q7909 Q7885  
; Q9999 Q8731 Q8719 ; B9999 B5301 B5298 B5276 ;

- [003] 018 ; A999 A419 ; S9999 S1070-R ;

- [004] 018 ; D01 D22-R F47 ; A999 A033 ; A999 A771 ;

- [005] 018 ; D01 F19 D23 D22 D76 D45 ; A999 A033 ; A999 A771 ;

- [006] 018 ; D01 F73 ; A999 A033 ; A999 A771 ;

- [007] 018 ; R01176 G1650 G1649 D01 D23 D22 D31 D41 D50 D73 D82 F08  
F07 F97 ; A999 A033 ; A999 A771 ;

A03 - [001] 018 ; R00851 G1149 G1092 D01 D19 D18 D31 D50 D76 D86 F32 F30 ;

R00001 G1503 D01 D50 D81 F22 ; H0022 H0011 ; P0226 P0282-R D01 D18

F30 ; A999 A782 ; A999 A033 ; S9999 S1616 S1605 ;

- [002] 018 ; R01740 G2335 D00 F20 H- O- 6A ; A999 A475 ;